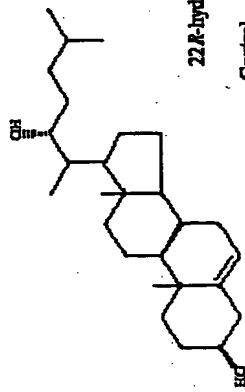


Fig.1



	Control	AD
Hippocampus (ng/mg protein)	6.43 ± 0.49	2.55 ± 0.46
Frontal cortex (ng/mg protein)	3.19 ± 1.45	1.63 ± 0.70

Fig.2

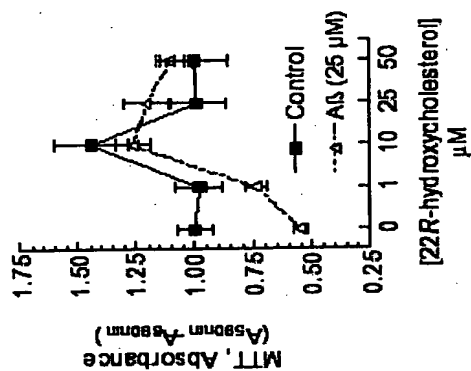


Fig.4

Fig. 6A

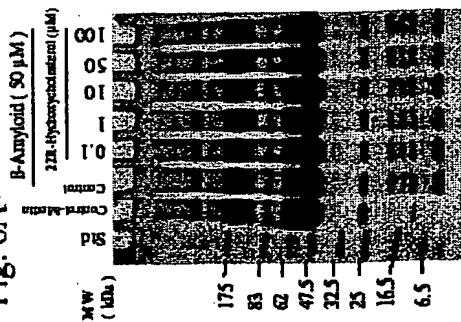
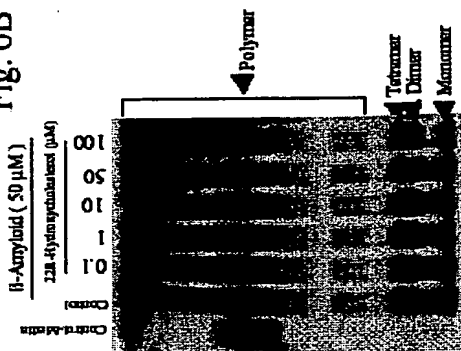


Fig. 6B



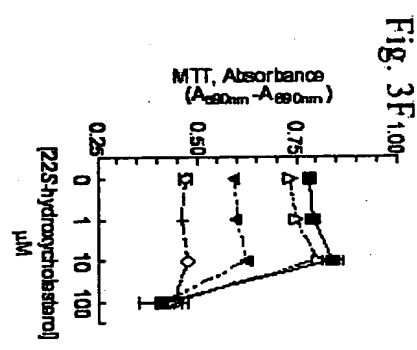
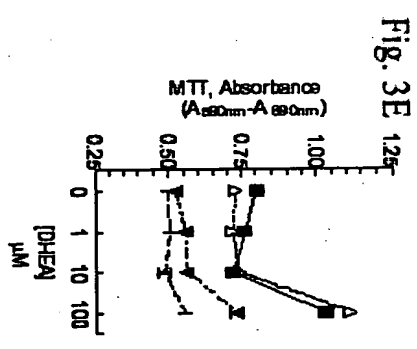
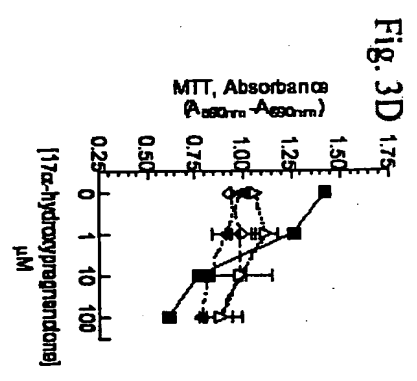
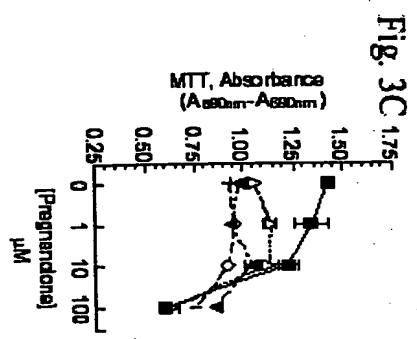
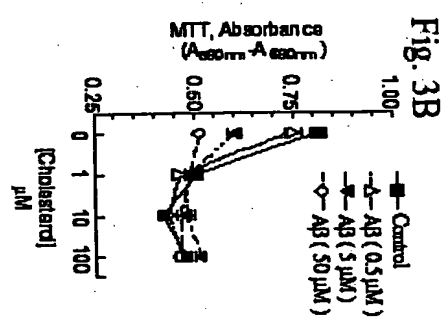
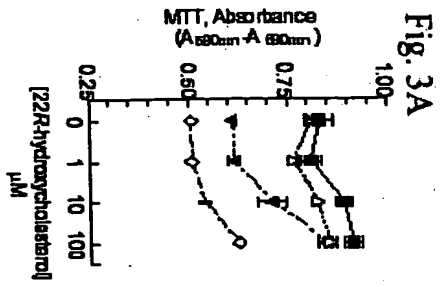


Fig. 5A

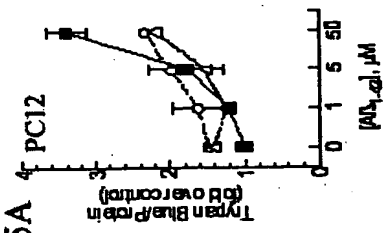
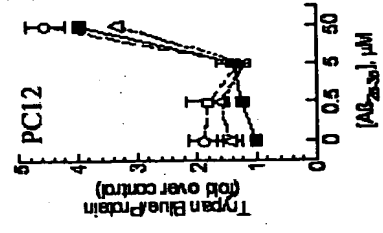


Fig. 5B



—■— Control
 —△— 22R-Hydroxycholesterol
 —○— DHEA

Fig. 5C

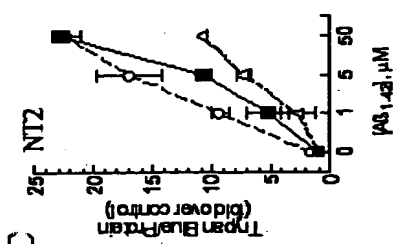
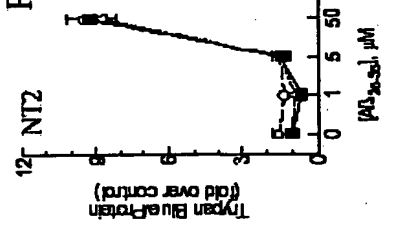
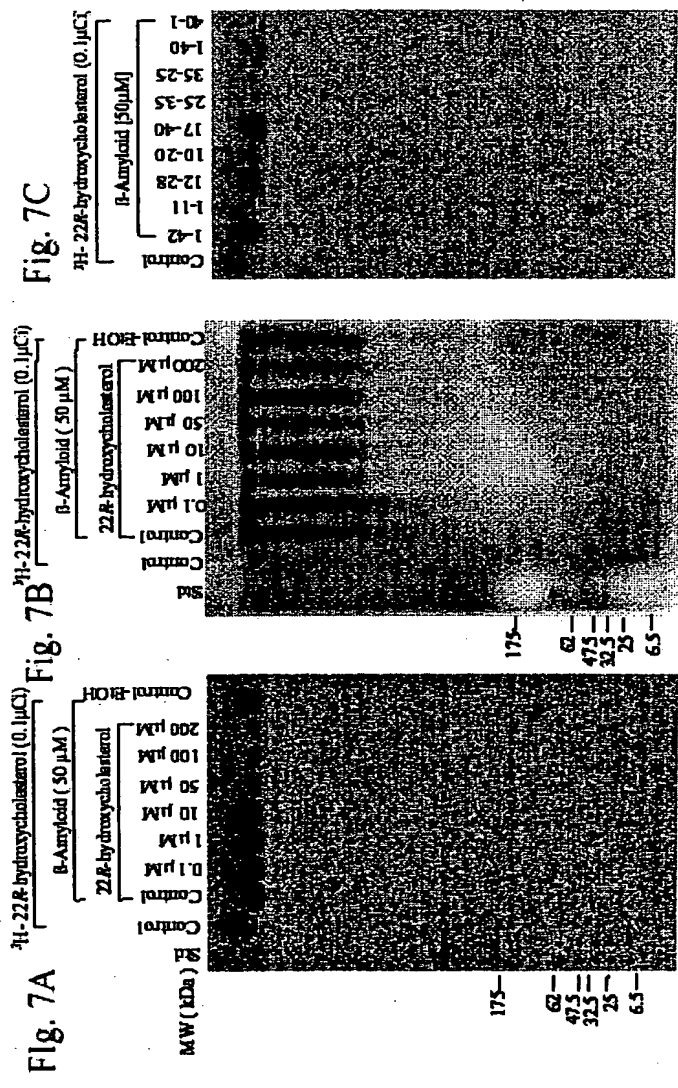
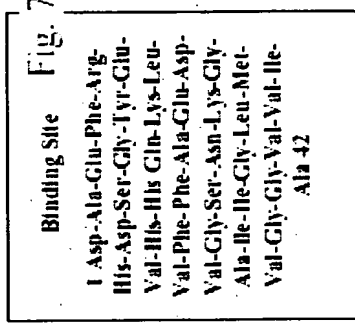
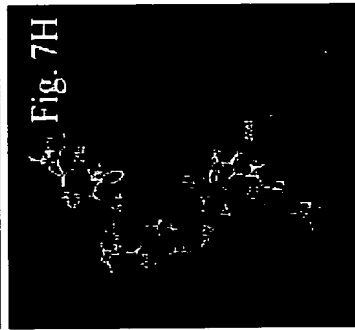
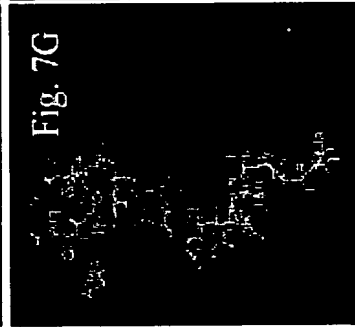
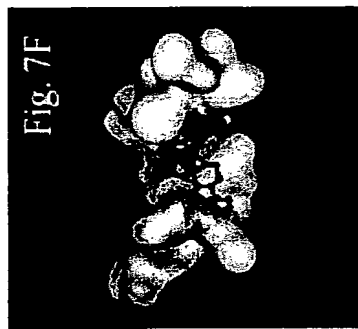
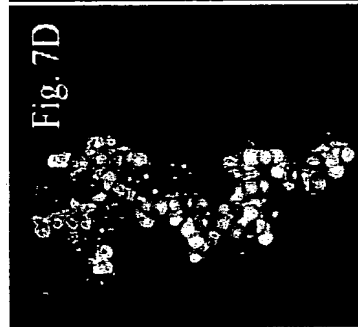


Fig. 5D







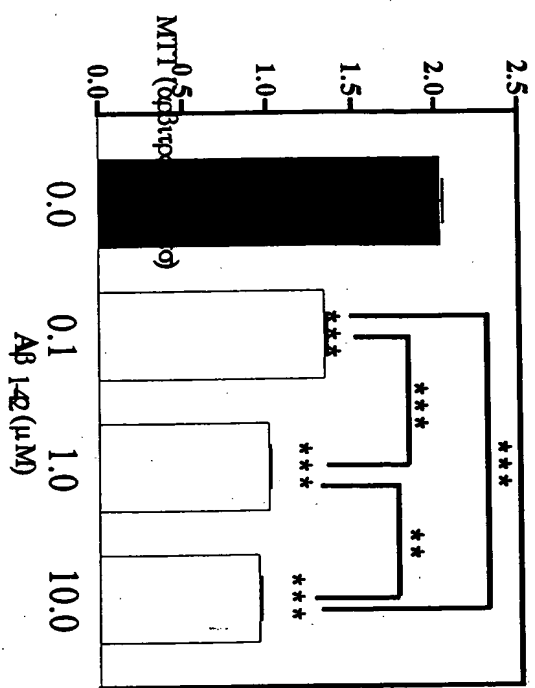


Fig. 8

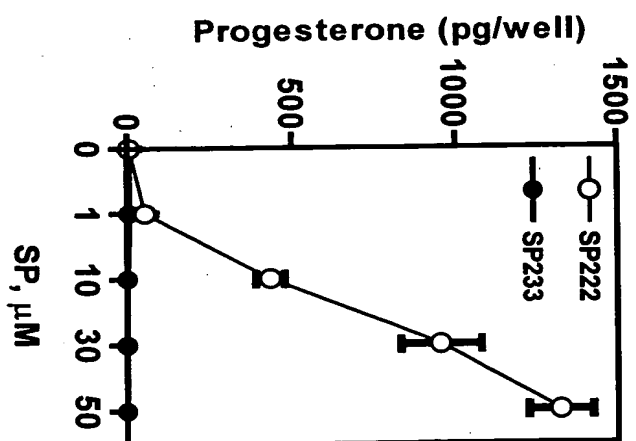


Fig. 15

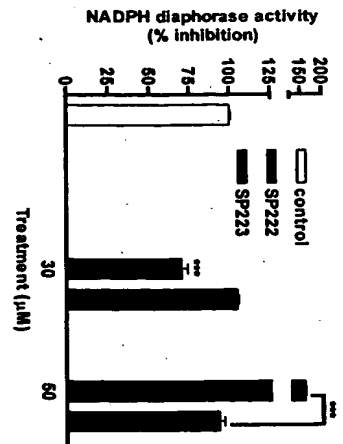


Fig. 9A

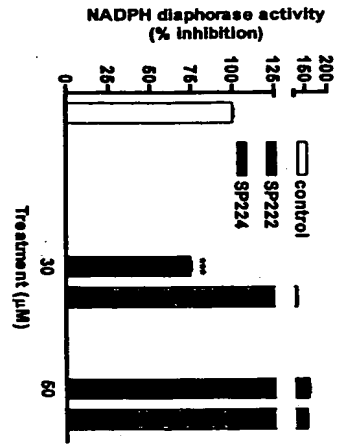


Fig. 9B

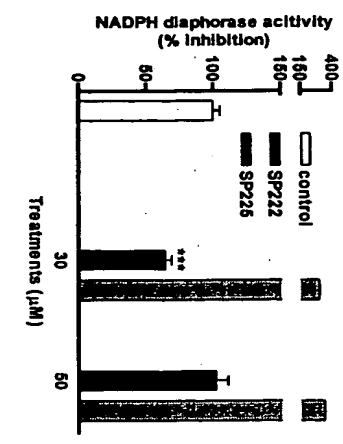


Fig. 9C

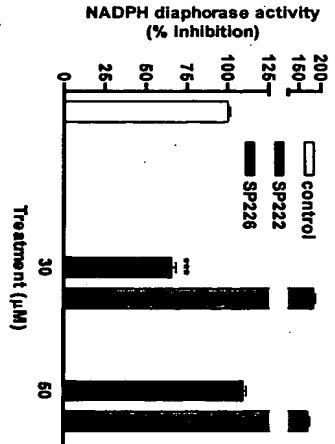


Fig. 9D

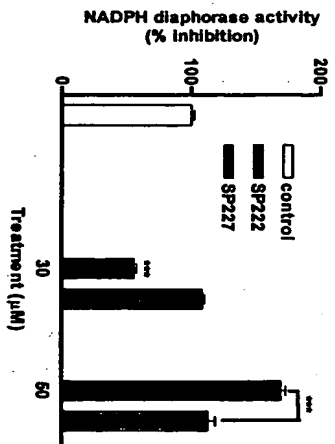


Fig. 9E

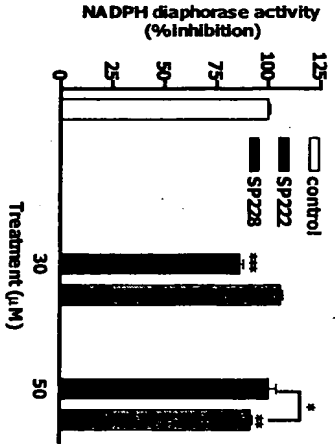


Fig. 9F

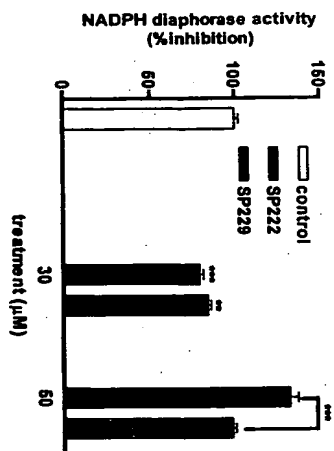


Fig. 9G

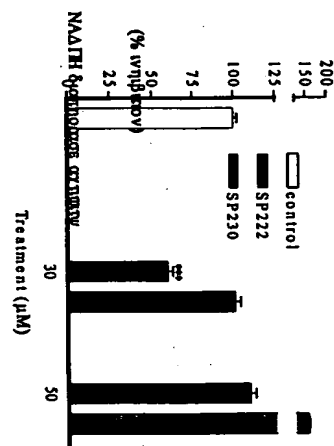


Fig. 9H

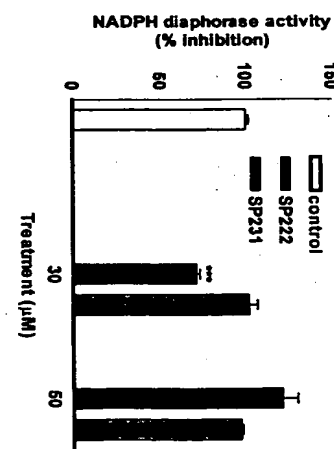


Fig. 9I

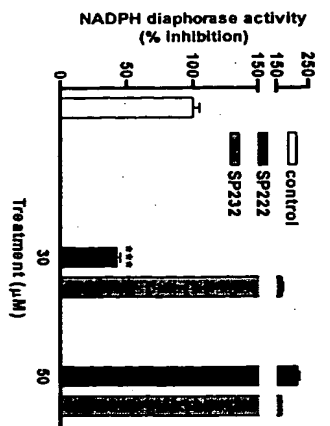


Fig. 9J

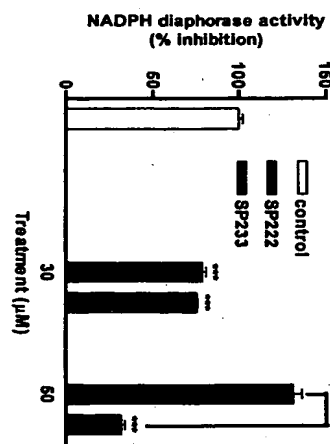


Fig. 9K

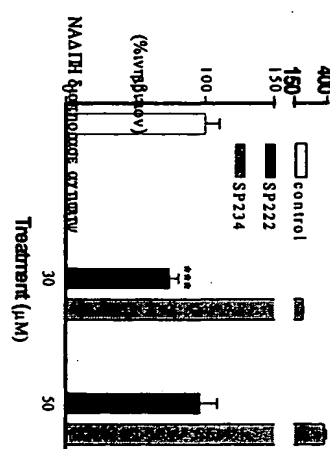


Fig. 9L

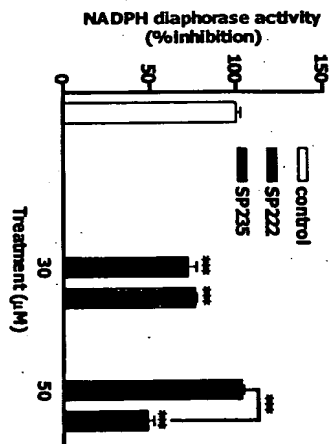


Fig. 9M

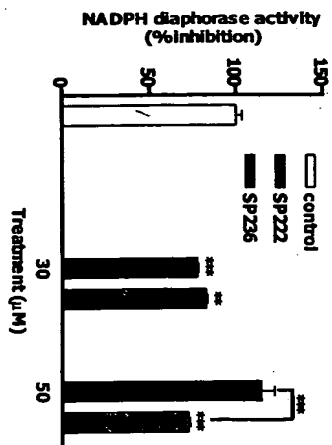


Fig. 9N

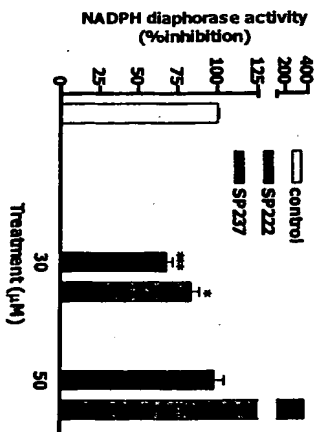


Fig. 9O

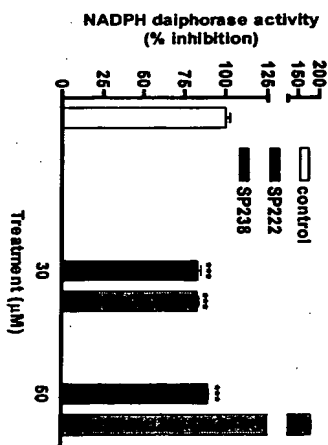


Fig. 9P

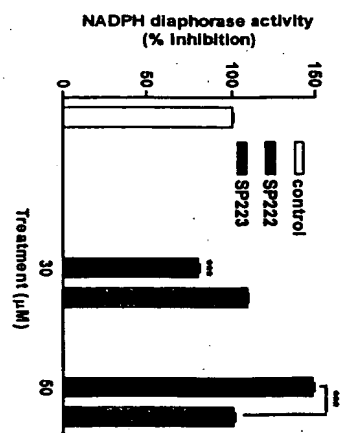


Fig. 10A

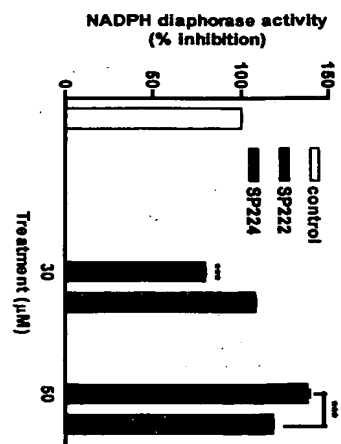


Fig. 10B

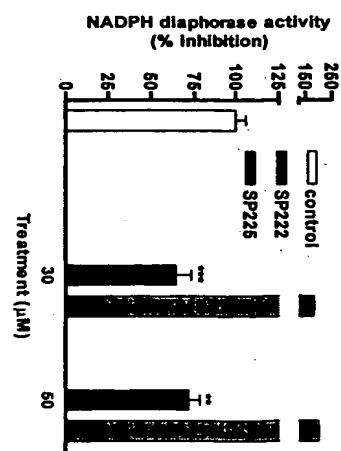


Fig. 10C

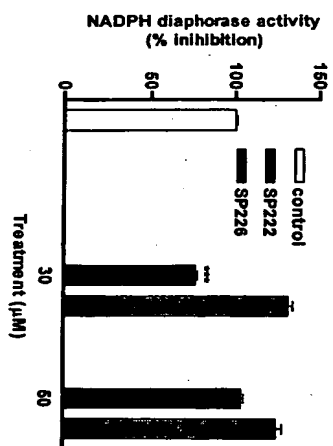


Fig. 10D

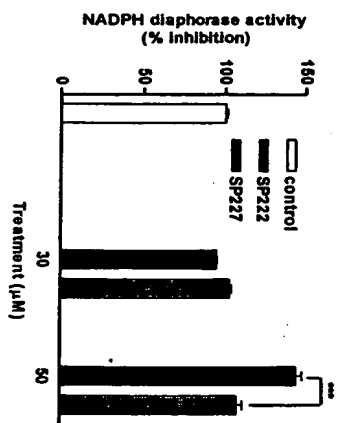


Fig. 10E

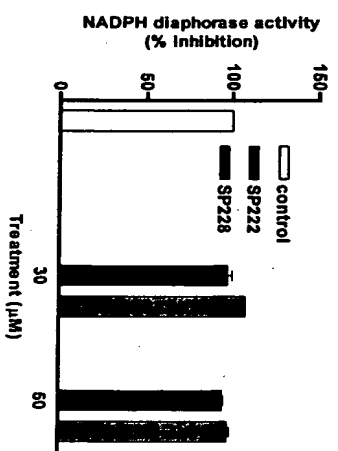


Fig. 10F

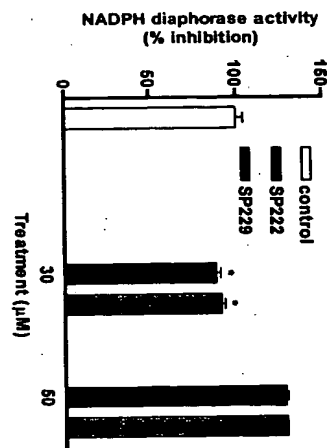


Fig. 10G

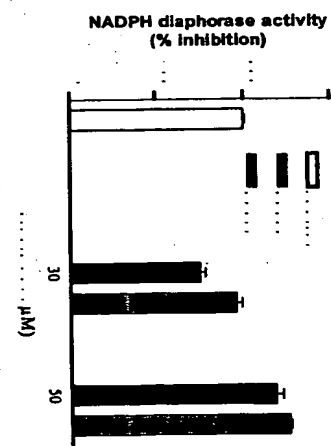


Fig. 10H

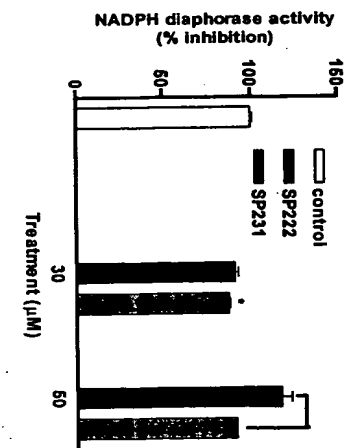


Fig. 10I

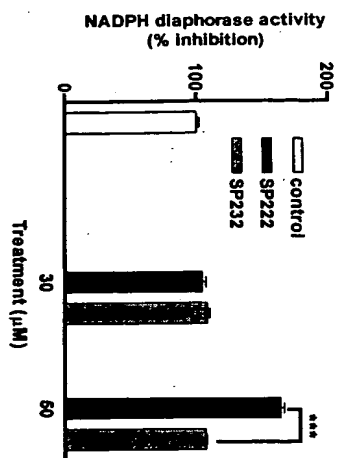


Fig. 10J

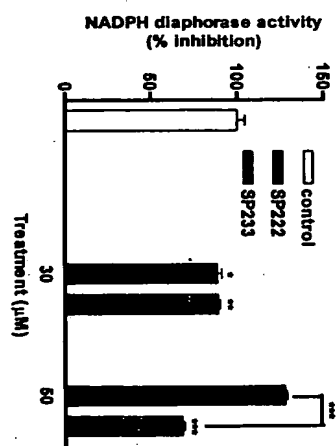


Fig. 10K

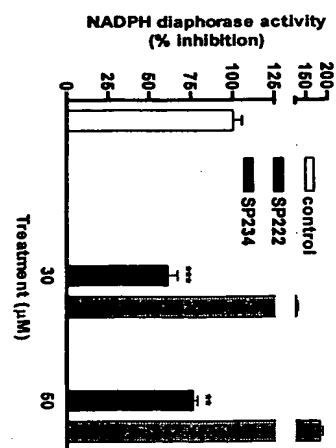


Fig. 10L

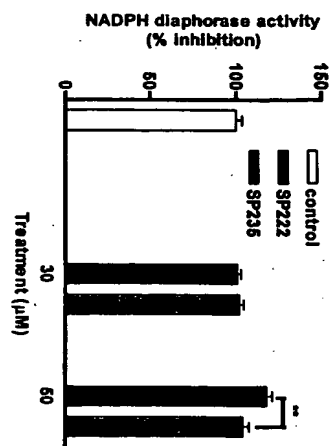


Fig. 10M

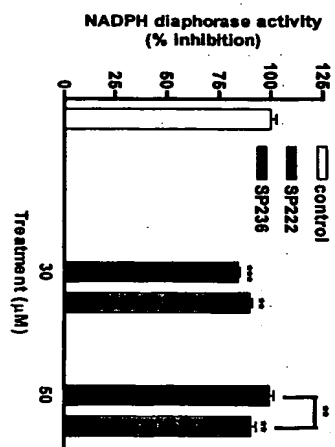


Fig. 10N

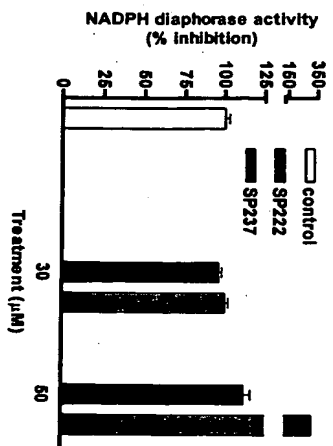


Fig. 10O

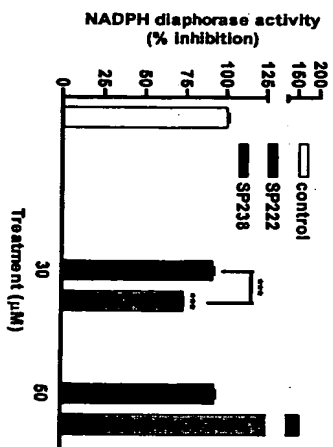


Fig. 10P

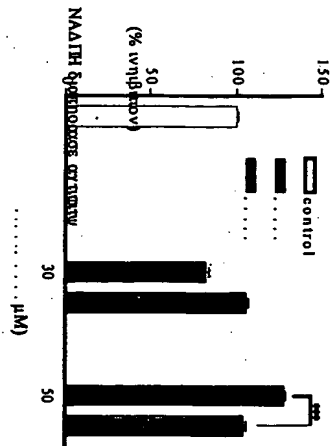


Fig. 11A

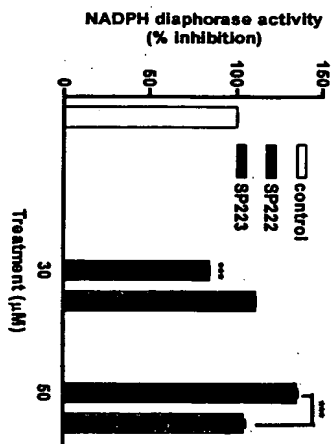


Fig. 11B

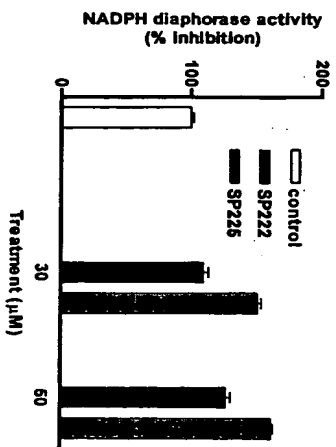


Fig. 11C

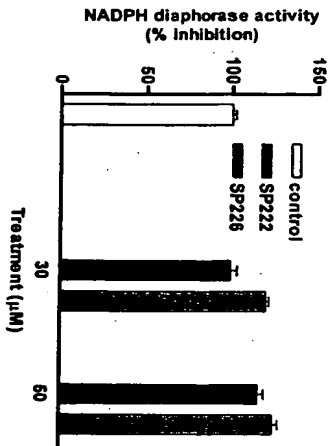


Fig. 11D

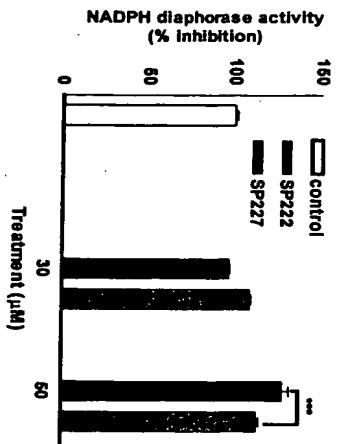


Fig. 11E

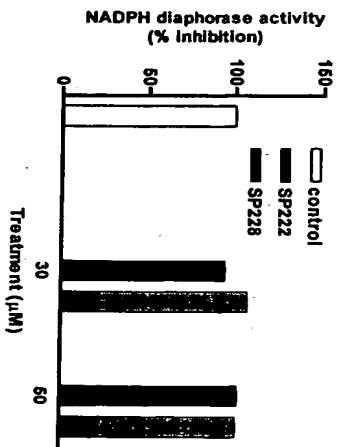


Fig. 11F

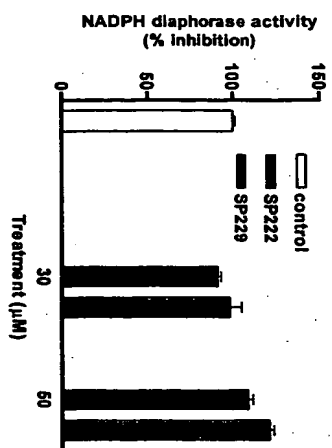


Fig. 11G

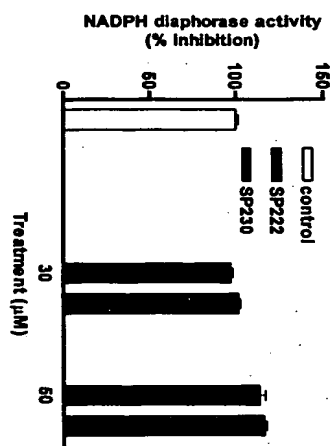


Fig. 11H

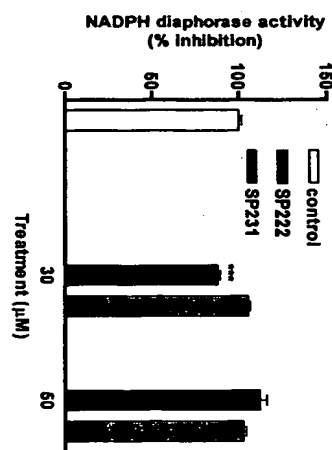


Fig. 11I

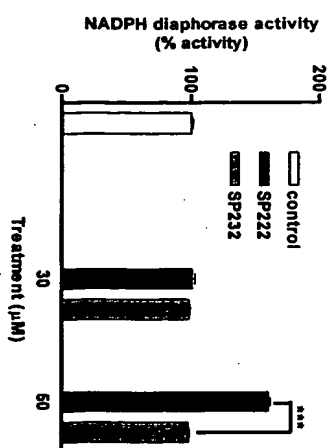


Fig. 11J

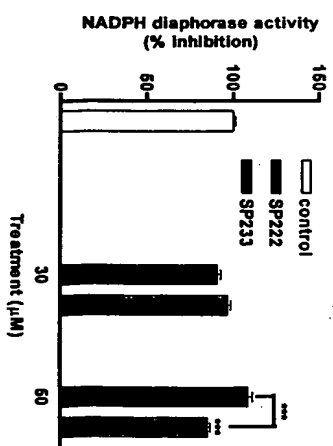


Fig. 11K

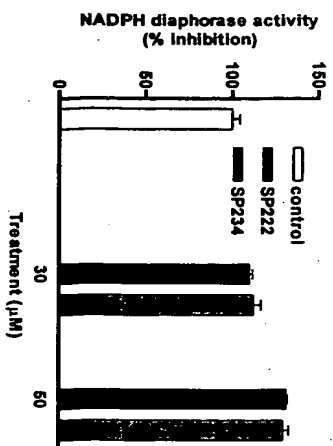


Fig. 11L

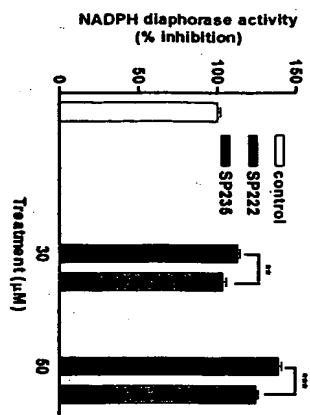


Fig. 11M

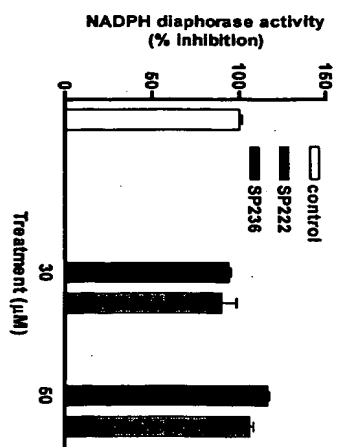


Fig. 11N

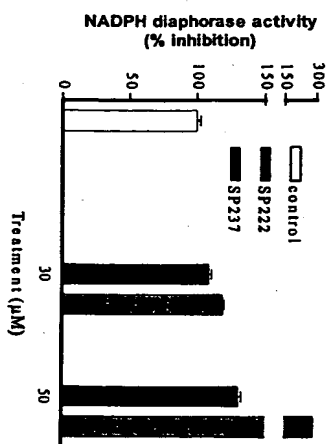


Fig. 11O

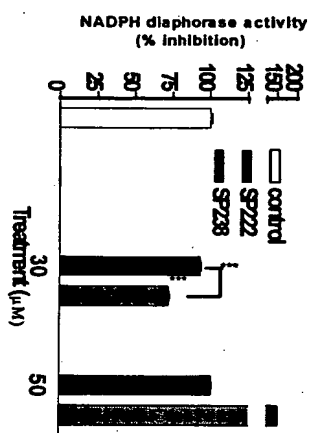


Fig. 11P

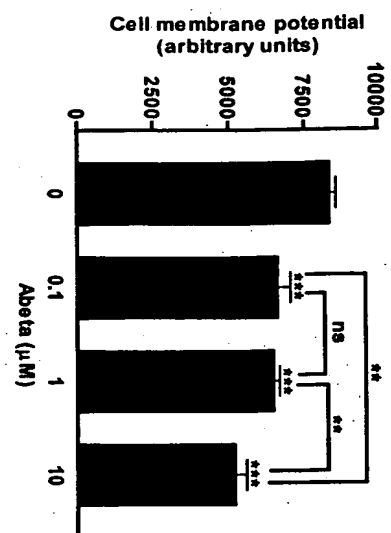


Fig. 12A

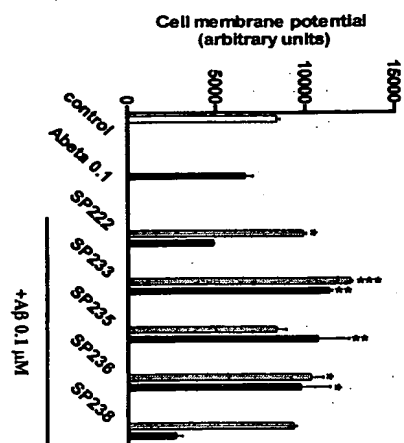


Fig. 12B

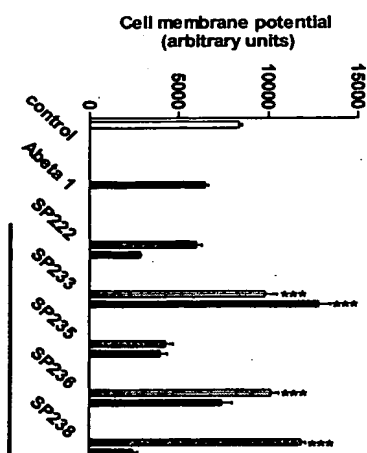


Fig. 12C

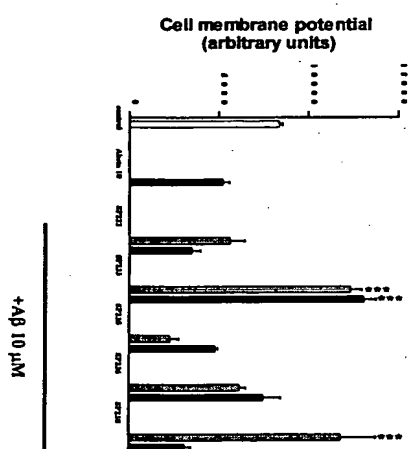


Fig. 12D

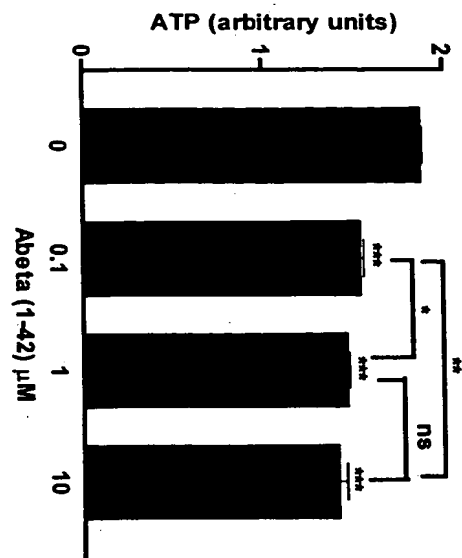


Fig. 13A

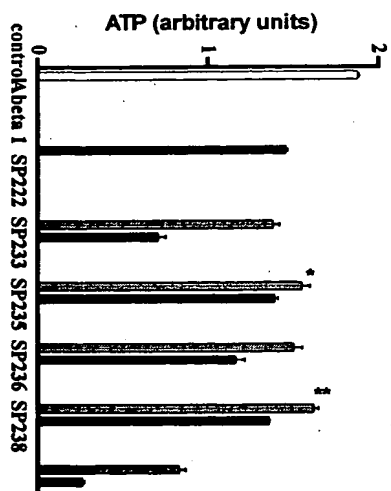


Fig. 13C

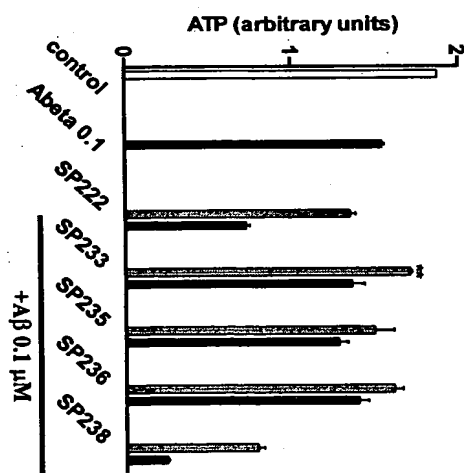


Fig. 13B

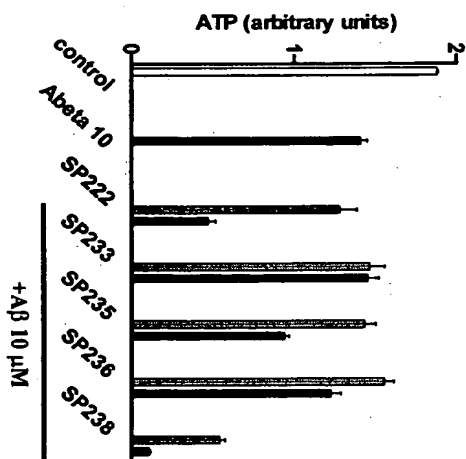


Fig. 13D

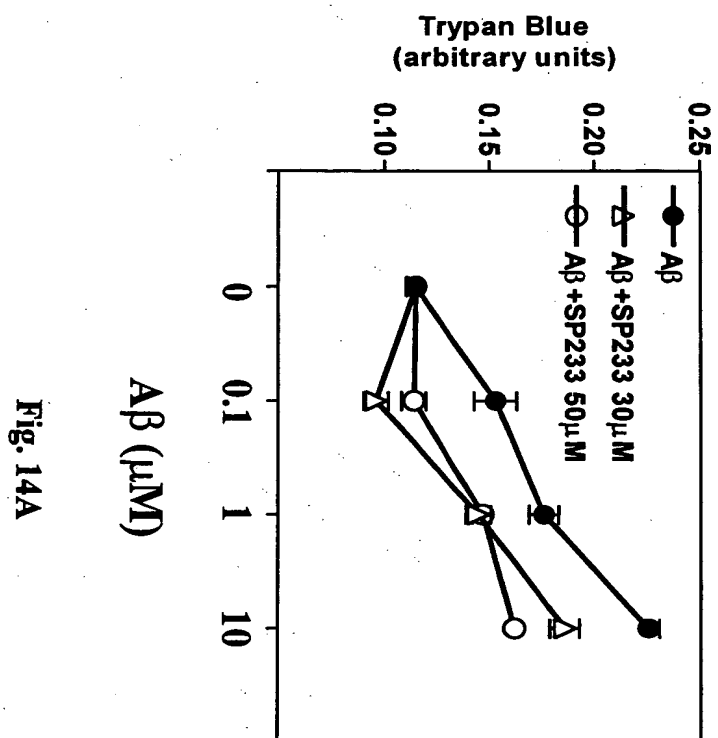


Fig. 14A

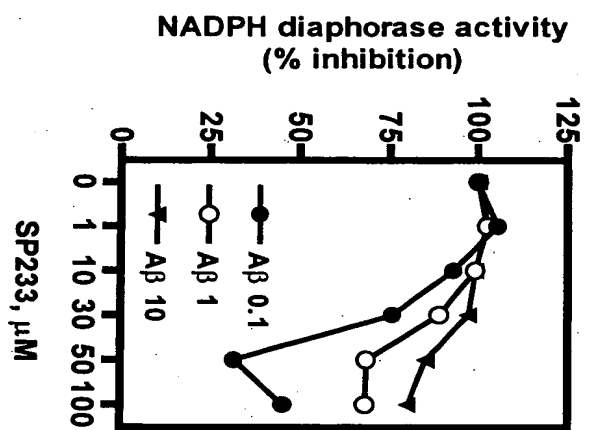


Fig. 14B

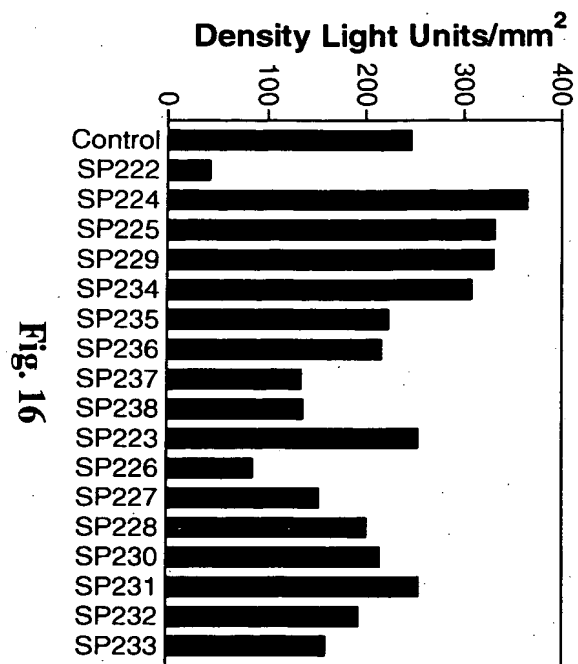


Fig. 16

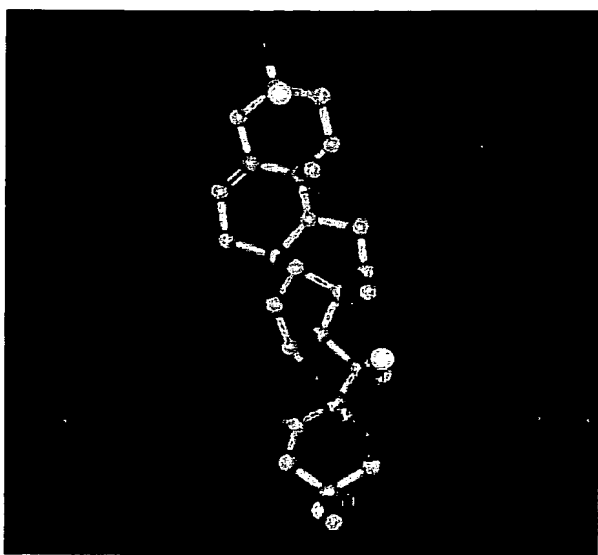


Fig. 19

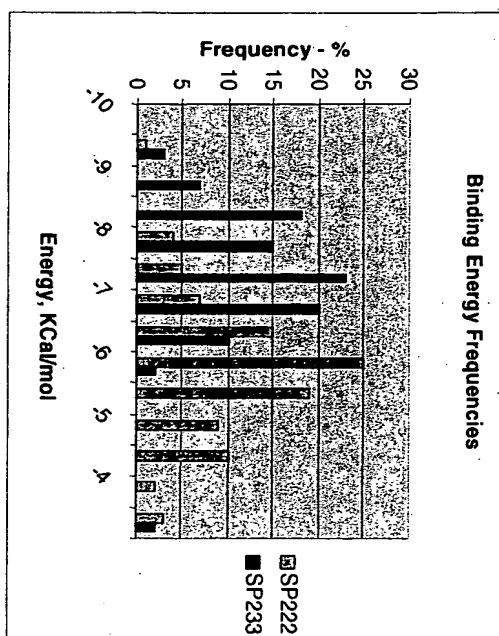


Fig. 18A

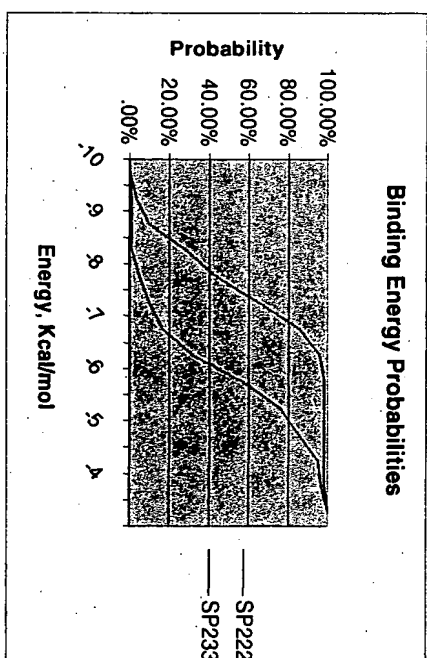


Fig. 18B

Fig. 17

SP222 E = -9.74 kcal/mol	SP226 E = -9.11 kcal/mol	SP230 E = -9.40 kcal/mol	SP234 E = -9.37 kcal/mol
SP223 E = -9.49 kcal/mol	SP227 E = -8.35 kcal/mol	SP231 E = -8.65 kcal/mol	SP235 E = -9.04 kcal/mol
SP224 E = -10.33 kcal/mol	SP228 E = -9.56 kcal/mol	SP232 E = -10.34 kcal/mol	SP236 E = -9.12 kcal/mol
SP225 E = -9.35 kcal/mol	SP233 E = -9.72 kcal/mol	SP237 E = -9.91 kcal/mol	SP238 E = -9.22 kcal/mol
	SP229 E = -11.04 kcal/mol		

Fig. 17A



Fig. 17B

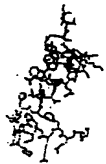


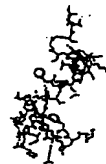
Fig. 17C



Fig. 17D



Fig. 17E



SP226 E = -9.11 kcal/mol

SP222 E = -9.74 kcal/mol

SP230 E = -9.40 kcal/mol

SP234 E = -9.37 kcal/mol

SP223 E = -9.49 kcal/mol

Fig. 17F



Fig. 17G



Fig. 17H



Fig. 17I



Fig. 17J



SP227 E = -8.35 kcal/mol

SP231 E = -8.65 kcal/mol

SP235 E = -9.04 kcal/mol

SP224 E = -10.33 kcal/mol

SP228 E = -9.56 kcal/mol

Fig. 17K



Fig. 17L

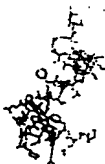


Fig. 17M



Fig. 17N



Fig. 17O



SP232 E = -10.34 kcal/mol

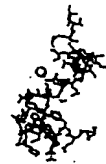
SP236 E = -9.12 kcal/mol

SP225 E = -9.35 kcal/mol

SP229 E = -11.04 kcal/mol

SP233 E = -9.72 kcal/mol

Fig. 17P



SP237 E = -9.91 kcal/mol

Fig. 17Q



SP238 E = -9.22 kcal/mol

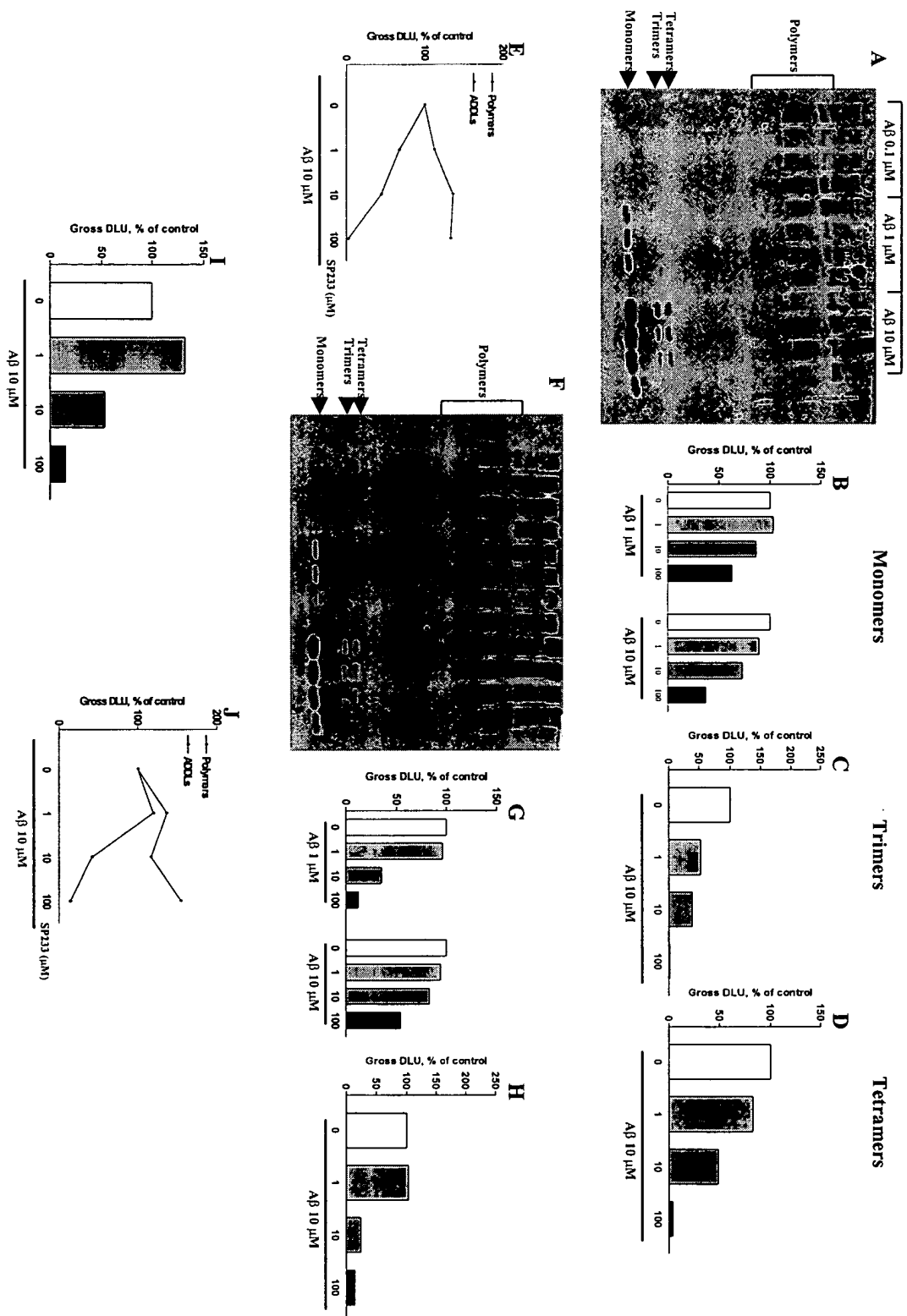


FIG. 20

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☒ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.